



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

### MEETING OF THE EXECUTIVE COMMITTEE OF SIGMA XI

THE executive committee of the Sigma XI Society held its annual spring meeting in New York on May 21.

Careful consideration was given to requests for chapters from a considerable number of institutions and arrangements made in individual cases to recommend the granting of certain charters by the Convention to be held next winter. In other cases petitions were laid over without prejudice for further information and future action.

It was reported that the National Research Council had voted to recognize Sigma Xi by appointing the president as an ex-officio member of the executive board.

The invitation from the Royal Canadian Institute to hold the mid-winter convention in Toronto was accepted and the date fixed for Wednesday, December 28. The convention will be held in the afternoon and the dinner in the evening of that day.

The report of the fellowship committee showed sufficient funds already at hand to assure the success of the plan and it was voted to establish one or more Sigma XI fellowships for the year beginning September, 1921. The Ph.D. degree or its equivalent was decided upon as a prerequisite for appointment, and a sub-committee consisting of Professor Edward Ellery (Union College) and Professor F. K. Richtmyer (Cornell University) was appointed with authority to fix the stipend and to recommend appointments as well as the precise terms under which the fellowships will be maintained. In view of the fact that provisions had already been made under direction of the National Research Council for fellowships in physics and chemistry during the next five years it was voted that, at least for next year, Sigma XI will give preference to other sciences in making the awards of its fellowships.

The membership committee recommended certain changes in order to make possible a wider enlistment of the membership in the work of the society. The preliminary plan includes the division of the organization into

members and associates, with the recognition of two groups distinguished on a functional basis, viz: chapter members and associates and general members and associates. The chapter functions will remain unchanged, whereas the members and associates in the general group will participate in the advancement of research through the national convention, the fellowship movement, conferences at scientific meetings, Sigma Xi clubs and such other activities as do not infringe on the rights and privileges of the active chapters. It seemed advisable that the general group should have at least one representative on the executive committee, the representation from the active chapters being then four elective members on that committee. This subject will be more definitely formulated for discussion at the coming convention.

Several minor constitutional amendments were discussed and formulated for presentation through the chapters in the customary manner.

HENRY B. WARD,  
*Secretary*

### BERKELEY MEETING OF THE PACIFIC DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE fifth annual meeting of the Pacific Division of the American Association for the Advancement of Science will be held from August 4 to 6 at Berkeley, California, in quarters provided by the University of California. Previous meetings in the order named have been held at San Diego, Stanford University, Pasadena and Seattle. The location at Berkeley will insure a large attendance, as many members of the Pacific Division are resident in the San Francisco Bay region.

Fourteen affiliated societies whose announcements follow will participate in the Berkeley meeting.

#### GENERAL SESSIONS

Features of the general sessions in which the membership of the Pacific Division and affiliated societies will unite are set forth in

the preliminary announcement of the executive committee as follows:

The Research Board of the University of California is arranging a research conference to be held at the luncheon hour on Thursday, August 4. The special topic for discussion will be "A Survey of Research Conditions in Pacific Coast Institutions." The meeting will be open to members of the Pacific Division and of affiliated societies who are particularly interested in the development of research in Pacific coast colleges and universities.

THURSDAY, AUGUST 4, 2:00 P.M., IN WHEELER HALL

### *Science and the Public Health*

Following the plan so successfully introduced at the Pasadena meeting in 1919, and successfully continued at the Seattle meeting in 1920, of attempting some constructive application of scientific knowledge to important problems of the day, there has been arranged for this meeting a symposium on the afternoon of August 4. The subject is that of the relation of science to public health—a subject with which every one is vitally concerned. An analysis of the vote on each of the four so-called "health amendments" upon which the electorate of California was permitted to express its views at the general election last November, is all that is required to enable one to realize the seriousness of the situation and the necessity for a campaign of education. The public should be fully informed as to what the adoption of those amendments would really mean. To assist the public to a realization of the seriousness of this menace to scientific investigation and to the public health, a symposium has been arranged in which the question will be presented from different viewpoints, as follows:

*Public health and human welfare:* DR. RAY LYMAN WILBUR, president, Leland Stanford Jr. University.

*Whose business is the public health?* DR. F. P. GAY, professor of pathology, University of California.

*Education in relation to public health and medi-*

*cal practise:* DR. S. J. HOLMES, professor of zoology, University of California.

*Physical health and mental health:* DR. PHILIP KING BROWN, president of the California Tuberculosis Association, San Francisco.

*Rural and Industrial Sanitation:* DR. C. A. KOFOID, professor of zoology at the University of California.

*Public health and experimental biology:* DR. H. B. TORREY, professor of zoology, University of Oregon.

Immediately following the close of the symposium, a general session of the Pacific Division will be held for the purpose of electing four members of the executive committee.

THURSDAY, AUGUST 4, 8:00 P.M., IN WHEELER HALL

On the evening of August 4, President David P. Barrows, of the University of California, will give an address of welcome to which response will be made by Dr. Barton Warren Evermann, chairman of the executive committee. This will be followed by the address of the retiring president of the Pacific Division, Dr. William E. Ritter, who will speak on "Scientific Idealism." After the address of the president a reception will be held. The public is cordially invited to attend this and all meetings and lectures of the Pacific Division and of the affiliated societies.

A public address will be given on the afternoon of August 5 by Professor Henry Norris Russell, professor of astronomy, Princeton University, on "The properties of matter as illustrated by the stars."

A banquet will be arranged for the evening of August 5 for all members of the Pacific Division and affiliated societies. The cost per plate will not exceed \$2.00.

### *Astronomical Society of the Pacific*

CHARLES S. CUSHING, president, First National Bank Building, San Francisco.

D. S. RICHARDSON, secretary-treasurer, 22 Battery St., San Francisco.

Meetings of the Astronomical Society of the Pacific will be held in Room 1, Students' Observatory, University of California, Berkeley,

at 9 o'clock, on Friday morning and 2 o'clock on Friday afternoon, August 5. An excursion to Lick Observatory, Mount Hamilton, is planned for the afternoon and evening of Saturday, August 6. All members of the American Association for the Advancement of Science desiring to make this trip should communicate with Mr. W. F. Meyer, Students' Observatory, University of California.

*The American Physical Society*

THEODORE LYMAN, president, Harvard University.  
D. C. MILLER, secretary, Case School of Applied Science.

E. P. LEWIS, local secretary for the Pacific Coast, University of California.

The American Physical Society will hold a meeting on August 4, from 9:30 A.M. to 12:00.

*American Phytopathological Society, Pacific Division*

H. S. REED, president, Citrus Experiment Station, Riverside.

S. M. ZELLER, secretary-treasurer, Oregon Experiment Station.

The American Phytopathological Society, Pacific Division, will hold four sessions for the discussion of diseases of the deciduous fruits, semi-tropical fruits, cereals and potato, August 4 to 6.

*California Section, American Chemical Society*

WILLIAM C. BRAY, chairman, University of California, Berkeley.

LLOYD W. CHAPMAN, secretary-treasurer, 531 Rialto Building, San Francisco.

The affiliated sections of the American Chemical Society will hold a joint meeting on August 5, at 9:00 o'clock.

*California Section, The Society of American Foresters*

DONALD BRUCE, chairman, University of California, Berkeley.

WILLIAM C. HODGE, secretary-treasurer, 425 Call Building, San Francisco.

The various sections of The Society of American Foresters will hold a joint meeting

with the Western Society of Naturalists and The Ecological Society of America.

*Cooper Ornithological Club  
Northern Division*

CURTIS WRIGHT, JR., president, 6436 Benvenue Ave., Oakland, Calif.

MRS. JAMES T. ALLEN, secretary, 37 Mosswood Road, Berkeley.

*Southern Division*

LOYE HOLMES MILLER, president, State Normal School, Los Angeles.

L. E. WYMAN, secretary, Museum of History, Science and Art, Los Angeles.

The Cooper Ornithological Club will hold a meeting on the evening of August 3 at 8 o'clock in Room 9, Museum of Vertebrate Zoology, University of California.

*The Ecological Society of America*

STEPHEN A. FORBES, president, University of Illinois, Urbana, Illinois.

A. O. WEESE, secretary-treasurer, Vivarium Building, Champaign, Illinois.

The Ecological Society will hold joint meetings on August 4 and 5 with the Western Society of Naturalists, the Pacific Fisheries Society and The Society of American Foresters.

*Pacific Coast Entomological Society*

EDWIN C. VAN DYKE, president, University of California, Berkeley.

FRANK E. BLAISDELL, SR., secretary-treasurer, 1520 Lake St., San Francisco.

A program has been arranged for August 6. There will be a dinner on August 4 and a field excursion on August 7.

*Pacific Fisheries Society*

JOHN N. COBB, president, University of Washington.

GEORGE F. SYKES, secretary, Oregon Agricultural College.

The Pacific Fisheries Society will hold two sessions during the forenoons of August 4 and 5. Papers will be presented dealing with the artificial propagation of fishes, and other subjects pertaining to the conservation of the fisheries.

*Pacific Slope Branch, American Association of  
Economic Entomologists*

E. O. ESSIG, chairman, University of California, Berkeley, Calif.

A. L. LOVETT, secretary-treasurer, Oregon Agricultural College, Corvallis, Oregon.

There will be scientific programs on August 4 and 5 and excursions on August 6 and 7. An entomological dinner has been arranged for August 4.

*San Francisco Society, Archeological Institute of  
America*

DAVID P. BARROWS, president, University of California.

H. R. FAIRCLOUGH, secretary, Stanford University.

A meeting of the San Francisco Society, Archeological Institute of America, will be held Thursday morning, August 4, at which papers will be read by members and others interested.

*Seismological Society of America*

OTTO KLOTZ, president, Dominion Astronomical Observatory, Ottawa, Canada.

S. D. TOWNLEY, secretary-treasurer, Stanford University, California.

A meeting of the Seismological Society of America will be held, the details of which will be given in the final program.

*Southern California Section, American Chemical  
Society*

STUART J. BATES, president, California Institute of Technology.

H. L. PAYNE, secretary, 223 West First St., Los Angeles, Calif.

The Southern California Section of the American Chemical Society will join with the other sections of the American Chemical Society in a meeting to be held on Friday morning, August 5.

*Western Society of Naturalists*

J. FRANK DANIEL, president, University of California.

CHESTER STOCK, secretary-treasurer, University of California.

The Western Society of Naturalists will meet at the University of California in con-

junction with the meetings of the Pacific Division. Sessions for presentation of miscellaneous scientific papers on biology will be held on the mornings of August 4 and 5 and at other times during the progress of the general meetings should there be additional papers to be presented.

## SCIENTIFIC EVENTS

### JOHN HARPER LONG

THE many friends of the late Professor John Harper Long, for thirty-seven years professor of chemistry in Northwestern University, will appreciate the portrayal of the man as a teacher, investigator, public servant and friend, contained in the small volume entitled "John Harper Long,—A Tribute from his Colleagues." It is edited by Dr. Robert H. Gault of Northwestern University, contains a chapter by F. B. Dains, entitled "Student, Teacher and Chemist," one by F. Robert Zeit, "A Colleague at the Medical School," another by Ira Remsen on "Dr. Long as a Member of the Referee Board," and an appreciation of the last ten years of Dr. Long's scientific work by Julius Stieglitz and Paul Nicholas Leech. Dr. Frank Wright reviews Dr. Long's activities in connection with Chicago's gigantic drainage problems and the volume concludes with a comprehensive bibliography of Dr. Long's publications, comprising one hundred and eighteen contributions.

There is thus compassed in seventy pages, tastily arranged, a fitting tribute to a man who did so much for chemistry and education. One outstanding feature of Dr. Long's professional life comes back vividly to the reviewer, a characteristic which indexed well his deep, unselfish interest in his profession, namely, his constant attendance and active, helpful participation in the national and sectional meetings of the American Chemical Society. Even long after his health should have demanded more consideration of self, he gave unstintingly of his time, his counsel and his uplifting ideals, to the organization which had given him its highest honor.

The edition is limited to a thousand and copies may be obtained through Professor